

The **FUTURE** of America is the
RESEARCH of **TODAY**



NATIONAL
USER
FACILITY
ORGANIZATION

Promoter of
**Economic
Competitiveness**

Collaboration between Industry and Federal Facilities

- Around 550 industrial partners perform experiments at our facilities
- Technology transfer, intellectual property licensing as well as sponsored and collaborative research led to significant breakthroughs in a variety of industries

AEgis
TECHNOLOGIES

CATERPILLAR

DUPONT

Ford

GE

GM

hp

IBM

intel



Lilly

Panasonic

**TEXAS
INSTRUMENTS**

TOSHIBA

Some Highlights

Energy efficiency and renewable energy program

- Advanced combustion engines and vehicle technologies
- Advanced battery, catalyst and lightweight materials

Pharmaceutical programs

- Structures of gene products in whole genome sequences
- Drug discovery efforts based on structural mapping (e.g. HIV, Hepatitis C, and Insulin receptors)

Nanomaterials program

- Development of nano-filters for drug delivery and diagnostics
- New chemical and biological sensors based on nano-photonics

Semi conductor and sensor development programs

- New techniques and materials in medical imaging
- New materials and smaller scales in semi-conductors

